

**Replug By Other Operator**  
 Document Number:  
 404399184  
 Date Received:

**WELL ABANDONMENT REPORT**

This form is to be submitted as an Intent to Abandon whenever an abandonment is planned on a borehole. After the abandonment is complete, this form shall again be submitted as a Subsequent Report of the actual work completed. The approved intent shall be valid for six months after the approval date, after that period, a new intent will be required. Attachments required with the Intent to Abandon are wellbore diagrams of the current configuration and the proposed configuration with plugs set. A Subsequent Report of Abandonment shall indicate the actual work completed. Attachments required with a Subsequent Report are a wellbore diagram showing plugs that were set and casing remaining in the hole, the job summaries from all plugging contractors used, including wireline and cementing (third party verification) and any logs that may have been run during abandonment.

ECMC Operator Number: 100322 Contact Name: Spencer Riebschlager  
 Name of Operator: NOBLE ENERGY INC Phone: (346) 267-5252  
 Address: 1099 18TH STREET SUITE 1500 Fax: \_\_\_\_\_  
 City: DENVER State: CO Zip: 80202 Email: drill@chevron.com

**For "Intent" 24 hour notice required,** Name: Burns, Adam Tel: (970) 218-4885  
 ECMC contact: Email: adam.m.burns@state.co.us

Type of Well Abandonment Report:  Notice of Intent to Abandon  Subsequent Report of Abandonment

API Number 05-123-07705-00  
 Well Name: CUYKENDALL-LAUCK Well Number: 1  
 Location: QtrQtr: NWNE Section: 18 Township: 2N Range: 63W Meridian: 6  
 County: WELD Federal, Indian or State Lease Number: \_\_\_\_\_  
 Field Name: TAMPA Field Number: 80830

*Only Complete the Following Background Information for Intent to Abandon*

Latitude: 40.143809 Longitude: -104.477880  
 GPS Data: GPS Quality Value: \_\_\_\_\_ Type of GPS Quality Value: PDOP Date of Measurement: \_\_\_\_\_  
 Reason for Abandonment:  Dry  Production Sub-economic  Mechanical Problems  
 Other re-enter for re-plug  
 Casing to be pulled:  Yes  No Estimated Depth: 2200  
 Fish in Hole:  Yes  No If yes, explain details below  
 Wellbore has Uncemented Casing leaks:  Yes  No If yes, explain details below  
 Details: \_\_\_\_\_

**Current and Previously Abandoned Zones**

Formation	Perf. Top	Perf. Btm	Abandoned Date	Method of Isolation	Plug Depth
SUSSEX	4423	4462	08/06/1993	B PLUG CEMENT TOP	4386
D SAND	7295	7300	01/21/1993	B PLUG CEMENT TOP	7250

Total: 2 zone(s)

**Casing History**


Casing Type	Size of Hole	Size of Casing	Grade	Wt/Ft	Csg/Liner Top	Setting Depth	Sacks Cmt	Cmt Btm	Cmt Top	Status
SURF	10+3/4	8+5/8	J55	24	0	95	100	95	0	VISU
1ST	7+7/8	4+1/2	J55	10.5	0	7435	225	7435	6299	CBL
S.C. 1.1	7+7/8	4+1/2	J55	10.5	0	7435	105	4462	4100	CALC

### Plugging Procedure for Intent and Subsequent Report

CIBP #1: Depth 6580 with 2 sacks cmt on top. CIBP #2: Depth 4340 with 2 sacks cmt on top.  
 CIBP #3: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top. CIBP #4: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.  
 CIBP #5: Depth \_\_\_\_\_ with \_\_\_\_\_ sacks cmt on top.

NOTE: Two(2) sacks cement required on all CIBPs.

Set 120 sks cmt from 2200 ft. to 1900 ft. Plug Type: STUB PLUG Plug Tagged:   
 Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
 Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
 Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:   
 Set \_\_\_\_\_ sks cmt from \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Plug Type: \_\_\_\_\_ Plug Tagged:

Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth  
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 Perforate and squeeze at \_\_\_\_\_ ft. with \_\_\_\_\_ sacks. Leave at least 100 ft. in casing \_\_\_\_\_ CICR Depth

(Cast Iron Cement Retainer Depth)

Set 320 sacks half in. half out surface casing from 844 ft. to 0 ft. Plug Tagged:   
 Set \_\_\_\_\_ sacks at surface  
 Cut four feet below ground level, weld on plate Above Ground Dry-Hole Marker:  Yes  No  
 Set \_\_\_\_\_ sacks in rat hole Set \_\_\_\_\_ sacks in mouse hole

### Additional Plugging Information for Subsequent Report Only

Casing Recovered: \_\_\_\_\_ ft. of \_\_\_\_\_ inch casing Number of Days from Setting Surface Plug to Capping or Sealing the Well: \_\_\_\_\_  
 Surface Plug Setting Date: \_\_\_\_\_ Cut and Cap Date: \_\_\_\_\_  
 \*Wireline Contractor: \_\_\_\_\_ \*Cementing Contractor: \_\_\_\_\_  
 Type of Cement and Additives Used: \_\_\_\_\_  
 Flowline/Pipeline has been abandoned per Rule 1105  Yes  No

Technical Detail/Comments:

The purpose is to adequately re-plug prior to hydraulic fracturing treatment of proposed well.  
A closed loop system will be used.

Procedure:

- 1 MIRU.
- 2 NU BOP.
- 3 PU drillout BHA.
- 4 RIH to surface plug.
- 5 PU power swivel.
- 6 Mill through surface plug, estimated length of 16'.
- 7 RIH to surface shoe plug, estimated TOC at 50'.
- 8 Mill through surface shoe plug, estimated BOC at 150'.
- 9 Circulate 2X BU.
- 10 RIH to stub plug at 610'
- 11 Mill through stub plug down to the top of the casing stub.
- 12 Circulate 2x BU.
- 13 POOH to surface.
- 14 Run washpipe BHA and overshot.
- 15 Engage casing stub.
- 16 Landout casing. ND BOP.
- 17 N/U Wellhead to 4-1/2". NU BOP.
- 18 PU cleanout BHA
- 19 RIH to 700'
- 20 Mill through cement inside stub.
- 21 Circulate 2x BU.
- 22 TIH to Sussex CIBP w/ 3sx at 4,347'.
- 23 Mill cement and CIBP.
- 24 TIH to CIBP at 4,689'.
- 25 Mill CIBP
- 26 Circulate 2x BU.
- 27 TIH to Nio CIBP depth at 6,580'
- 28 Circulate 2x BU.
- 29 POOH to surface
- 30 RIH w/ CIBP and set at 6,580'. (50' above top Nio perf)
- 31 Dump bail 2sk on CIBP. (TOC @ 6,554')
- 32 RIH w/ CIBP and set at 4,340'. (60' above top SSX top)
- 33 Dump bail 2sk on CIBP. (TOC @ 4,314')
- 34 RIH w/ WL and jet cut production casing at 2,200'. Tie down BOP as needed.
- 35 Circulate 2X BU.
- 36 POOH and LD production casing to surface, filling pipe every 3x joints.
- 37 Wash down to casing stub at 2,100'.
- 38 Circulate 2X BU.
- 39 POOH, SB workstring, LD BHA.
- 40 RIH to 2,100' open ended.
- 41 Contact engineer if there is pressure on the well. Establish circulation. Pump 10bbls Chemical Wash followed by 120 sks of cement, plug from 2,200'-1,900'. Displace with fresh water to balance plug.
- 44 POOH w/ workstring to 1,800' and reverse circulate until clean returns observed.
- 45 POOH w/ workstring to 844'.
- 46 Establish circulation. Pump 10bbls Chemical Wash followed by 320 sks of cement as a balanced plug from 844' to surface.
- 50 Top off cement if needed. Cement needs to be approx. 10' from surface.
- 51 ND BOP.
- 52 RDMO.

3rd party wildlife surveys will be conducted on this well prior to rigging up for P&A activities.

Notification will be given to any adjacent building unit occupants within a 1000 feet of the wellhead of planned P&A start date. Please be aware that Form 6 Approval can predate actual rig work by up to several months and that environmental conditions can change quickly over that time. Chevron's Environmental Site Screening Process incorporates full environmental field clearances within 7 days of a scheduled well-work activity once the well is added to the active workover rig schedule. Should sensitive HPH conditions be identified during the screening process, Chevron will delay the work until conditions (nesting) clear and/or consult directly with CPW for guidance and discussion of potential mitigation measures that may be incorporated.  
CPW consult not required.

I hereby certify all statements made in this form are, to the best of my knowledge, true, correct, and complete.

Signed: \_\_\_\_\_

Print Name: Jotsna Saiganesh \_\_\_\_\_

Title: Technical Assistant \_\_\_\_\_

Date: \_\_\_\_\_

Email: jotsna.saiganesh@chevron.com \_\_\_\_\_

Based on the information provided herein, this Well Abandonment Report (Form 6) complies with ECMC Rules and applicable orders and is hereby approved.

ECMC Approved: \_\_\_\_\_

Date: \_\_\_\_\_

**CONDITIONS OF APPROVAL, IF ANY LIST**

Expiration Date: \_\_\_\_\_

<b><u>COA Type</u></b>	<b><u>Description</u></b>
0 COA	

**ATTACHMENT LIST**

<b><u>Att Doc Num</u></b>	<b><u>Name</u></b>
404400469	SURFACE OWNER CONSENT
404400471	LOCATION PHOTO
404400482	WELLBORE DIAGRAM
404400487	WELLBORE DIAGRAM

Total Attach: 4 Files

**General Comments**

<b><u>User Group</u></b>	<b><u>Comment</u></b>	<b><u>Comment Date</u></b>
		Stamp Upon Approval

Total: 0 comment(s)